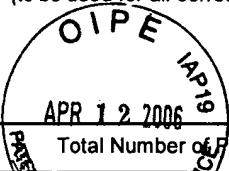

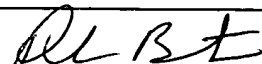


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<h1 style="text-align: center;">TRANSMITTAL FORM</h1> <p style="text-align: center;">(to be used for all correspondence after initial filing)</p> <div style="text-align: center;">  </div>	Application Number	10/022,935	
	Filing Date	12/18/2001	
	First Named Inventor	Chen	
	Group Art Unit	2616	
	Examiner Name	Hsu, Alpus	
Total Number of Pages in This Submission	61	Attorney Docket Number	CM03594J

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Notice to File Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Statement under 37 CFR 1.97(e) <input checked="" type="checkbox"/> Form 1449A <input checked="" type="checkbox"/> Form 1449B	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Return receipt postcard. 2. Seven copies of NPL documents 3. Credit card payment form
		Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Renee' Michelle Leveque Leveque Intellectual Property Law, P.C.
Signature	
Date	April 10, 2006

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited, on the date indicated below, with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to:			
Express Mail label no.: _____		Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
Type or printed name	Paula Barton		
Signature		Date	April 10, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TFW  
2616

Inventor(s): Chen

Examiner: Hsu, Alpus

Serial No.: 10/022,935

Group Art Unit: 2616

Filing Date: 12/18/2001

Atty Docket No.: CM03594J

Title: Procedures for merging the mediation device protocol with a network layer protocol

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

The undersigned submits herewith patents, publications or other information (enclosed herewith and/or listed on the enclosed list of references form) of which he or she is aware, which he or she believes is relevant and may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR §1.56. The order of listing of the references on the attached form and any appendix hereto is without regard for relative relevance to the present invention.

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR §1.97(a), or  
(Accompanies the new patent application submitted herewith.)
- ☐ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last.)
- ☒ under 37 CFR 1.97(c) together with either a:  
☐ Statement under 37 CFR 1.97(e), or  
☒ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first.)
- ☐ under 37 CFR 1.97(d) together with a:  
☐ Statement under 37 CFR 1.97(e), and  
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee.)
- ☒ Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with required copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.
- ☐ PRIOR APPLICATIONS References identified with an asterisk (\*) in the enclosed PTO Form 1449, were disclosed in prior Patent Application No. \_\_\_\_\_, filed \_\_\_\_\_, now U.S.

Patent No. \_\_\_\_\_, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d).

☐ **FOREIGN LANGUAGE DOCUMENTS** A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on Form PTO 1449 and is enclosed herewith.

☒ **FEE AUTHORIZATION**

Please see enclosed Credit Card Payment Form. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **50-0375** pursuant to 37 CFR 1.25.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR §1.56, this statement does not constitute an admission that any patent, publication or other information referred to therein is "prior art" or "material" to this invention or any application for patent for this invention.

In accordance with 37 CFR §1.97, the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that other information that may be material as defined in 37 CFR §1.56 exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR §1.97 and §1.98 and MPEP §609. In addition, the Examiner is requested to conduct a thorough independent search in order to bring the best references available forward in this application.

It is requested that the information disclosed herein be made of record in this application.

Express Mail # \_\_\_\_\_

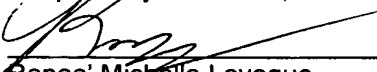
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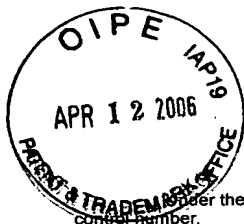
Date of Deposit: April 10, 2006

Typed Name: Paula Barton

Signature: \_\_\_\_\_

Respectfully submitted,

  
\_\_\_\_\_  
Renee' Michelle Leveque  
Attorney/Agent for Applicant(s)  
Reg. No. 36,193  
Date: April 10, 2006  
Telephone No.: 301-668-3073



PTO/SB/08A (10-01)  
Approved for use through 10/31/2002. OMB 0651-0031  
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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	10/022,935
				Filing Date	12/18/2001
				First Named Inventor	Chen
				Art Unit	2616
				Examiner Name	Hsu, Alpus
Sheet	1	of	2	Attorney Docket Number	CM03594J

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		4,313,036	Jan-82	Jahara et al.	
		5,079,767	Jan-92	Perlman	
		5,128,938	Jul-92	Borras	
		5,241,542	Aug-93	Natarajan et al.	
		5,278,831	Jan-94	Mabey et al.	
		5,371,734	Dec-94	Fischer	
		5,418,835	May-95	Frohman et al.	
		5,533,100	Jul-96	Bass et al.	
		5,590,396	Dec-96	Henry	
		5,740,366	Apr-98	Mahany et al.	
		5,778,052	Jul-98	Rubin et al.	
		5,797,094	Aug-98	Houde et al.	
		5,845,204	Dec-98	Chapman et al.	
		5,850,592	Dec-98	Ramanathan	
		5,940,771	Aug-99	Gollnick et al.	
		5,943,397	Aug-99	Gabin et al.	
		5,991,287	Nov-99	Diepstraten et al.	
		6,044,069	Mar-00	Wan	
		6,047,200	Apr-00	Gibbons et al.	
		6,058,289	May-00	Gardner et al.	
		6,138,019	Oct-00	Trompower et al.	
		6,192,230	Feb-01	van Bokhorst et al.	
		6,205,122	Mar-01	Sharon et al.	
		6,208,623	Mar-01	Rochberger et al.	
		6,259,772	Jul-01	Stephens et al.	
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08B (10-01)  
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<b>Substitute for form 1449B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<b>Complete if Known</b>	
				<b>Application Number</b>	10/022,935
				<b>Filing Date</b>	12/18/2001
				<b>First Named Inventor</b>	Chen
				<b>Art Unit</b>	2616
				<b>Examiner Name</b>	Hsu, Alpus
				<b>Attorney Docket Number</b>	CM03594J
<b>Sheet</b>	1	<b>of</b>	1		

<b>OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS</b>			
<b>Examiner Initials*</b>	<b>Cite, No.</b>	<b>Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.</b>	<b>T<sup>2</sup></b>
		GERLA, M., Multicluster, Mobile, Multimedia Radio Network, Wireless Networks 1 (1995) pp. 255-265	
		BOUKERCHE, A., A Simulation Based Study of On-Demand Routing Protocols for Ad hoc Wireless Networks, Simulation Symposium, 2001, Proceedings, 34 <sup>th</sup> Annual, 22-26 April 2001, pp. 95-92	
		LEE, W.C., Topology Agregation for Hierarchical Routing in ATM Netowrks, Computer Communication Review, Vol. 25, No. 2, April 1995, pp. 82-92, ACM Press	
		JIANDONG, L., An Adaptive Cluster Algorithm for a Self-Organizing Communication Network, Global Telecommunications Conference, 1988, 28 Nov-1 Dec 1988, Conference Record, GLOBECOM '88, IEEE, Vol. 3, pp. 1653-1656	
		LIN, H., A Clustering Technique for Large Multihop Mobile Wireless Networks, Vehicular Technology Conference proceedings, 2000 IEEE 51 <sup>st</sup> , Vol 2., pp. 1545-1549	
		YONG-XI, F., A Clustering Algorithm Applied to the Network Management on Mobile Ad hoc Network, Info-tech and Info-net, 2001, Proceedings, ICii 2001, Vol. 2, pp. 626-631	
		CHATTERJEE, M., An On-Demand Weighted Clustering Algorithm (WCA) for Ad hoc Networks, Global Telecommunications Conference, 2000, GLOBECOM '00, IEEE Vol. 3, 27 Nov-1 Dec 2000, pp. 1697-1701	

<b>Examiner Signature</b>		<b>Date Considered</b>	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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